



Report on Efforts to Develop a Global Clearinghouse for Research Integrity

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From Principles to Practice:
How European Research Organizations
implement research integrity guidelines
Madrid, CSIC Headquarters
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How problems arise

- Situation:
 - New researcher joins a lab
 - Supervisor describes research, suggests problem to study
- Researcher's response
 - Do some background reading
 - Talk with the postdoc/research staff to learn more
 - Get some training
 - Come up with an idea for how to solve
 - Run experiments, good results
 - Report to supervisor
- Supervisor's response:
 - Good job, write up the results



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Next steps:

- Write up paper

Title....
New researcher, Supervisor, Postdoc....
Abstract _____
Paper _____

- Supervisor approves, with a few corrections

Title....
Supervisor, Postdoc, New researcher
Abstract _____
Paper _____



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 **What should the researcher do?**

- Who sets the rules for authorship?
 - Laboratory or research institution?
 - Funding agency / country?
 - Journal / groups of journals?
 - Global agreements?
- When should authorship agreements be made?
 - When a researcher begins work in a new lab?
 - When a new project is started?
 - When a publication is being drafted?
- When & how should researchers learn about responsible publication practices?


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Whose “responsible practices” apply?

- Research misconduct
 - To whom should suspected misconduct be reported?
 - Whose rules apply?
 - Place the work was done?
 - Employer?
- How should/are policy differences resolved?
 - Human and animal subjects
 - Data ownership, privacy, and management
 - Intellectual property and conflict of interest

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current Situation



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Responsible practices are complex

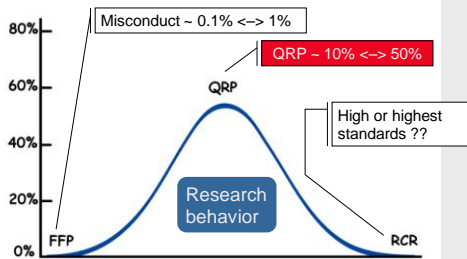
- Sources of guidance:
 - International policies
 - National policies
 - Institutional policies
 - Professional codes
 - "Common practice"
 - Personal morality
- Shortcomings/problems:
 - Standards sometimes vague; not easy to find
 - RCR inconsistently taught



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Researchers sometimes misbehave



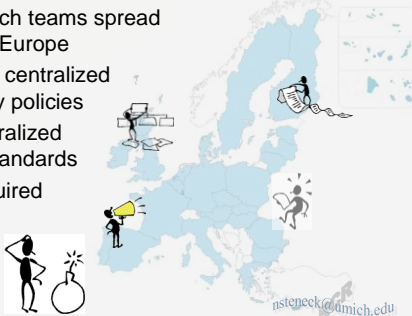
- Researchers will confront misconduct & questionable behaviors

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Situation in Europe

- Research teams spread across Europe
- Limited centralized integrity policies
- Decentralized RCR standards
- No required training



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European focus

- Emphasis has been on ethics
 - Impact of research and scientific development on society
 - Ethical aspects of animal cloning for food supply
 - The ethics review of hESC FP7 research projects
 - Ethical aspects of nanomedicine
 - Ethical aspects of ICT Implants in the Human Body
 - **SHOULD** researchers pursue?
- Weak centralized policy or discussion of integrity
 - How researchers **SHOULD** behave!

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CG4RI



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Objective: Site & Strategy

- Global site for practical information on research integrity
 - Policies
 - Education
 - Cases
- Strategy
 - Bottom-up, "WIKI" approach
 - Information provided by country / institutional experts
 - Based initially on web-based database program



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Organizational strategies

- What do researchers & students want to know?
 - How, where, and to whom to report concerns
 - How to find policies and best practices
 - Where to get answers to specific questions
- Easily searchable
 - Country
 - Policy area
 - Questions
- Easy to update and keep current



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Development site

- www.researchintegrity.org
 - Entry portal for:
 - Global Clearing House for Research Integrity (GC4RI)
 - ORI Introduction to RCR
- Other materials designed to foster integrity and deter misconduct in research Currently hosted at www.umich.edu/~nsteneck
- Permanent hosting will require database server
 - Filemaker Pro

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researchintegrity.org

The site is a temporary entry portal for the Global Clearing House for Research Integrity (GC4RI) and other materials designed to foster integrity and deter misconduct in research. Content links include:

- ORI Introduction to the Responsible Conduct of Research (English) (Spanish)
- A Brief description of the aims and structure of the GC4RI

If you would like to receive occasional updates when new materials are added, email N. Steneck. Please include "researchintegrity.org" in the subject line.

ORI Introduction currently on line

ORI
Introduction
to RCR

ORI Introduction to the Responsible Conduct of Research
Nicholas H. Steneck, PhD
Illustrations by David Zinn

HTML Version, August 2007, based on the Revised Printed Edition

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Chapter 5: Conflicts of Interest

Part III: Conducting Research

Chapter 6: Data Management Practices
Chapter 7: Mentor and Trainee Responsibilities
Chapter 8: Collaborative Research

Part IV: Reporting and Reviewing Research

Chapter 9: Authorship and Publication
Chapter 10: Peer Review

Part V: Safe Driving and Responsible Research

Introducción a la conducta responsable en la investigación de la ORI
Nicholas H. Steneck, PhD
Ilustrado por David Zinn

Version HTML, Septiembre 2006, actualizado de la edición impresa revisada, junio 2004

Contenidos

Introducción

Mensaje del Secretario de Salud y Servicios Humanos
Palabras preliminares
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Parte IV: Presentando y evaluando la investigación

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Capítulo 10: Revisión por pares

GC4RI under development

■ Two linked databases

- Public
 - Read only
 - no password
- Developer
 - Read/write
 - Password protected
- Developer database
 - Series of data collection pages

Open database "GC4RI" with:

Guest Account

Account Name and Password


Account Name:

Password:

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Contact information



Global Clearinghouse for Research Integrity

Contact Information

Your name: Last First

Email address:

Country:

Organization:

Background:

Note: This information is for contact purposes only and will not be posted on the GC4RI webpage

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Research misconduct policies, page 2



Global Clearinghouse for Research Integrity

National Policies

1. Does USA have a research misconduct policy? yes no

[LINK](#)

2. Who has primary responsibility for the investigation of research misconduct?

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For More Information

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